UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
ENVIRONMENTAL SCIENCE CENTER
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, MD 20755-5350

DATE: April 3, 2012
SUBJECT: Supplemental Report for Dimock Residential Groundwater Site
Case File WO 1202004

FROM: Cynthia Caporale, Chief
Laboratory Branch (3EA21)

TO: Richard Fetzer, On-Scene Coordinator
Hazardous Site Cleanup Division (3HS31)

The Volatile analysis narrative was mistakenly omitted from the 1202004 Part 2 of 3 report. Below is the information that should have been included

VOA Analytical Note:
Acrylonitrile was analyzed on-demand using CLP equivalent methodology. This analyte does not appear in the data tables or the QC summary and all data for this compound is summarized here. Acrylonitrile was not detected in any of the samples above a quantitation limit of 2 ug/L. A four point curve was analyzed (2, 5, 10 and 20 ug/L). The samples were preserved to a pH<2 with HCl. A low level second source blank spike analyzed at a concentration of 2 ug/L had a recovery of 140%. A mid level second source blank spike analyzed at a concentration of 5 ug/L had a recovery of 95%. A matrix spike and matrix spike duplicate pair was prepared for sample 1202004-28 at a concentration of 5 ppb acrylonitrile with recoveries of 109% and 109%, RPD=0. A second matrix spike and matrix spike duplicate pair was prepared using sample 1202004-30 at a concentration of 5 ppb acrylonitrile with recoveries of 110% and 101%, RPD=9.

2-Chloroethylvinyl ether is not included in the analysis. 2-chloroethylvinyl ether breaks down in acidified samples.

We apologize for any inconvenience this may have caused.

cc: Jill Bilyeu, Quality Assurance Officer
Rich Rupert, On-Scene Coordinator
Kelley Chase, On-Scene Coordinator
Case File for WO#1202004